

Abstract

An e-learning tool that uses an object-oriented approach to permit easily-developed course content to be quickly produced in customized form for a plurality of users. An authoring tool uses a template-based system to create courses in the form of individualized learning objects, each learning object containing a learning objective, content, and an assessment item. Various graphics, audio and text are also embodied in object form, associated with the proper learning object(s), and stored within a database. A dynamic delivery tool accesses the objects for a particular course upon request by a student, and virtually instantaneously creates a course customized for that student based upon a profile of the student stored within a learning management system. In this way, course administrators and developers can update or otherwise manipulate the course simply by modifying the individual objects, and the student views only those objects that he or she desires or is capable of viewing. Thus, courses can be easily created to allow students to learn course content as quickly and conveniently as possible.

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